ITI Quiz - 29-Jul-2026 08:40 PM

Q. ID: ITISKILL6928ZF

July 2026 | **GOVT.ITI,H.D. KOTE** | Answer Key

Duration: 60 Mins | **Total Marks: 25** | **Q.ID: ITISKILL6928ZF**

1. What is the name of furnace to obtained cast iron?

A) Steel - Rever battery
B) Alloy metal - Electric furnace
C) Mild steel - Blast furnace
D) Cupola

Answer: D) Cupola

2. Which machine converts mechanical energy into electrical energy?

A) Iron box
B) Generator
C) Heater
D) Battery

Answer: B) Generator

3. How many millimetres are there in 1 inch? | 1 ಇಂಚಿನಲ್ಲಿ ಎಷ್ಟು ಮಿಲಿಮೀಟರ್‌ಗಳಿವೆ?

A) 25.4 mm
B) 24.5 mm
C) 2.45 mm
D) 2.54 mm

Answer: A) 25.4 mm

4. Which among the following is an insulator?

A) Aluminium
B) Silver
C) Mica
D) Copper

Answer: C) Mica

5. What is the mass in gram, if a force of 15 dyres acting on a mass m producing an acceleration of 2.5 cm/sec²?

A) 6 grams
B) 9 grams
C) 7 grams
D) 8 grams

Answer: A) 6 grams

6. What is the formula for total surface area of a cylinder?

A) 2 Pi rh
B) Pi rh
C) Pi r (h + r)
D) 2 Pi r (h + r)

Answer: D) 2 Pi r (h + r)

7. How many ergs for 1 Joule?

A) 10^7 ergs
B) 10^3 ergs
C) 10^5 ergs
D) 10^9 ergs

Answer: A) 10^7 ergs

8. What is the speed of a train of 80 metre long train passes a railway station platform of 120 metres length in 20 seconds?

A) 34 km/hour
B) 32 km/hour
C) 36 km/hour
D) 30 km/hour

Answer: C) 36 km/hour

9. What is the improper fraction for the given mixed fraction ? 7 x (3/7)

A) "7/28"
B) "28/7"
C) "7/52"
D) (52/7)

Answer: D) (52/7)

10. Which metal contains iron as a major content?

A) Bronze metal
B) Zinc
C) Brass metal
D) Ferrous metal

Answer: D) Ferrous metal

11. What is the kinetic energy of a bullet of mass 5gm travels with a speed of 500 m/sec?

A) 620 Joules
B) 625 Joules
C) 635 Joules
D) 630 Joules

Answer: B) 625 Joules

12. What is the area of a rectangle, whose length and breadth are 10cm and 8cm respectively? | ಉದ್ದ ಮತ್ತು ಅಗಲ ಕ್ರಮವಾಗಿ 10 ಸೆಂ.ಮೀ ಮತ್ತು 8 ಸೆಂ.ಮೀ. ಇರುವ ಆಯತದ ವಿಸ್ತೀರ್ಣ ಎಷ್ಟು?

A) 80 cm^2
B) 85 cm^2
C) 90 cm^2
D) 75 cm^2

Answer: A) 80 cm^2

13. How many liters of water a cylindrical tank of radius 75 cm and height 100 cm can hold?

A) 1769.25 liters
B) 1767.25 liters
C) 1768.25 liters
D) 1766.25 liters

Answer: D) 1766.25 liters

14. How many hours will take for a 100 watts bulb to consume 1 kwh energy?
 W = 1 Kwh
 P = 100 Watts
 t = _____Hours

A) 18 hours
B) 10 hours
C) 24 hours
D) 12 hours

Answer: B) 10 hours

15. What is called if a force of 1Newton acts on a body and moves it through a distance of 1 metre?

A) 1 dyne
B) 10 Joules

C) 1 Joule D) 10 dynes

Answer: C) 1 Joule

16. How many watts for 1 horse power in British system?

A) 726 watts B) 746 watts

C) 756 watts D) 736 watts

Answer: B) 746 watts

17. What is called if a body does not change its position with respect to its surroundings?

A) Body at rest B) Velocity

C) Body at motion D) Speed

Answer: A) Body at rest

18. Which is the unit of current? | ಪ್ರವಾಹದ ಮುಲಮಾನ ಯಾವುದು?

A) Ohm | ಓಂ B) Volt | ವೋಲ್ಟ್

C) Ampere | ಆಂಪಿಯರ್ D) Watt | ವ್ಯಾಟ್

Answer: C) Ampere | ಆಂಪಿಯರ್

19. What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg?

A) Cu 94% B) Cu 92%

C) Cu 96% D) Cu 98%

Answer: A) Cu 94%

20. What is the resistance?
 I = 11.5 Amps
 V = 380 Volts
 R = _____Ohms

A) 23 ohms B) 43 ohms

C) 33 ohms D) 13 ohms

Answer: C) 33 ohms

21. What are the two classifications of system of units?

A) British and Metric B) Gravitational and non-gravitational

C) Fundamental and derived D) Metric and International

Answer: C) Fundamental and derived

22. How much watt second in 1 watt hour?

A) 2000 watt sec B) 4000 watt sec

C) 3600 watt sec D) 1000 watt sec

Answer: C) 3600 watt sec

23. Find the total surface area of a cast iron bar whose length, width and height are 20m, 15m and 12m.

A) 1340 m² B) 1640 m²

C) 1540 m² D) 1440 m²

Answer: D) 1440 m²

24. What is the decimal fraction of conversion of 18.5%?

A) 0.165 B) 0.195

C) 0.175 D) 0.185

Answer: D) 0.185

25. Which is the unit of resistance?

A) Ampere B) Volt

C) Watt D) Ohm

Answer: D) Ohm